

ASSIGNMENT-1

Assignment Date	01-11-2022
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1. Create registration page in html with username, email and phone number and by using POST method display it in the next html page.

Program:

App.py

```
from flask import Flask, redirect, url_for, request
app = Flask(__name__)

@app.route('/success/<string:name>/<string:ml>/<string:pnm>')
def success(name, ml, pnm):
    return "Welcome " + name + " !! <br><br> Your mail id is "+ml+" .<br><br> Your phone number is "+pnm

@app.route('/login', methods=['POST'])
def login():
    if request.method == 'POST':
        user = request.form['nm']
        mailid = request.form['mail']
        phnum = request.form['num']

        return redirect(url_for('success', name=user, ml=mailid, pnm=phnum))

if __name__ == '__main__':
    app.run(debug=True)
```

Login.html

```
<html>
<head>
    <link rel="stylesheet" type="text/css" href="style.css">
    <title> Welcome to the login page </title>
</head>
<body>
<form action="http://localhost:5000/login" method="POST">

    <h1> <center>LOGIN FORM </center></h1>
    <div class=login>
    <p> Enter name :
        <input type="text" name="nm"/></p>
    <p> Enter mail id:
        <input type="email" name="mail"/></p>
```

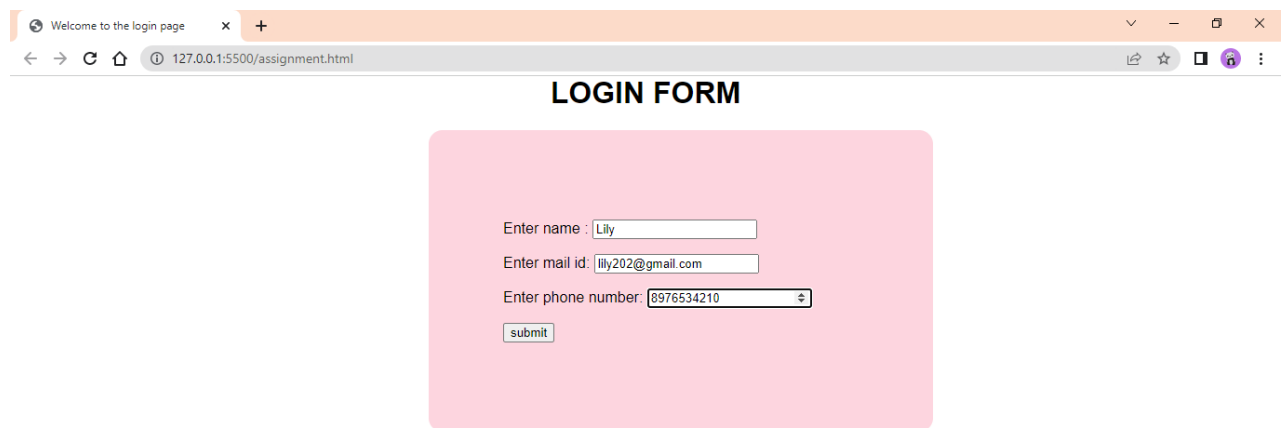
```
<p> Enter phone number:
  <input type="number" name="num"/></p>
<p> <input type="submit" value="submit"></p>
</form>
</div>
</body>
</html>
```

Style.css

```
body
{
  margin: 0;
  padding: 0;
  background-color:#6abadeba;
  font-family: 'Arial';
}

.login{
  width: 382px;
  overflow: hidden;
  margin: auto;
  margin: 20 0 0 450px;
  padding: 80px;
  background: #D3D3D3;
  border-radius: 15px ;
}

}
```



The screenshot shows a web browser window with a single tab titled "Welcome to the login page". The address bar displays the URL "127.0.0.1:5500/assignment.html". The main content area features a pink rectangular box with rounded corners, titled "LOGIN FORM" in bold black text. Inside this box, there are three input fields: "Enter name :" with the value "Lily", "Enter mail id:" with the value "lily202@gmail.com", and "Enter phone number:" with the value "8976534210". Below these fields is a "submit" button.



2. Develop a flask program which should contain at least 5 packages used from pypi.org

base.html:

```
<!DOCTYPEhtml>
<html>
<head>
<title>PageTitle</title>
{%blockhead%}{% endblock%}
<linkhref="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.
min.css"
rel="stylesheet" integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYal1GyVh/UjpbCx/TYkiZhlZB6+fzT"cro
ssorigin="anonymous">
<scriptsrc="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.b
undle.min.js"
integrity="sha384-
u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIHl7NnikvbZlHgTPOOmMi4
66C8"crossorigin="anonymous">
</script>
</head>
<body>
```

```

<ahref="/">HOME</a>
<ahref="/Blog">BLOG</a>
<ahref="/Signin">SIGNIN</a>
<ahref="/Signup">SIGNUP</a>
<hr><br>
<divclass="container">
{%blockbody%}{%endblock%}
</div>
</body>
</html>

```

blog.html:

```

{%extends'base.html'%}
{%blockhead%}
<title>BlogPage</title>
{%endblock%}
{%blockbody%}
<h1>ThisisSamleBlog</h1>
<h2><p>Hello,fromMr.X</p></h2>
{%endblock%}

```

index.html:

```

{%extends'base.html'%}
{%blockhead%}
<title>HomePage</title>
{%endblock%}
{%blockbody%}
<h1>Helloeveryone,</h1>
<divclass="p-5mb-4bg-lightrounded-3">
<divclass="container-fluidpy-5">
<h1class="dispay-5fw-bold">WIFITECHNOLOGY</h1>
<pclass="col-md-8fs-4">Kubernetes (also known as k8s or “kube”) is an open source
container orchestration platform that automates many of the manual processes involved in
deploying, managing, and scaling containerized applications. </p>
</div>

```

</div>

{%endblock%}

signup.html:

{%extends'base.html'%}

{%blockhead%}

<title>SignupPage</title>

{%endblock%}

{%blockbody%}

<h1>SignupPage</h1>

<formaction="Signup"method="POST">

<label>Name</label>

<inputtype="text"name="name">

<label>Email</label>

<inputtype="email"name="email">

<label>Phone</label>

<inputtype="text"name="phone">

<label>Password</label>

<inputtype="password"name="name">

<label>RetypePassword</label>

<inputtype="password"name="name">

<inputtype="submit"class="btnbtn-primary">

</form>

{%endblock%}

signin.html:

{%extends'base.html'%}

{%blockhead%}

<title>SigninPage</title>

{%endblock%}

{%blockbody%}

<h1>SigninPage</h1>

<formaction="/Signin"method="POST">

<label>Email</label>


```

<input type="email" name="email"><br><br>
<label>password</label><br>
<input type="password" name="password"><br><br>
<input type="submit" class="btn btn-primary">
</form>
{%endblock%}

```

app.py:

```

from flask import Flask, render_template
app = Flask(__name__)

@app.route('/', methods=["GET", "POST"])
def index():
    return render_template('index.html')

@app.route('/Blog')
def Blog():
    return render_template('blog.html')

@app.route('/Signup')
def Signup():
    return render_template('signup.html')

@app.route('/Signin')
def Signin():
    return render_template('signin.html')

if __name__ == '__main__':
    app.debug = True
    app.run()

```